

ABSTRACT OF SANITARY REPORTS.

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UNITED STATES.

SPECIAL REPORTS.

Gulf Quarantine Station—Infected vessels in quarantine.

Passed Assistant Surgeon Carter reports as follows, under dates of May 26 and June 4, 1891:

SIR: I have the honor to report the arrival of the German ship *Gustav and Oscar*, from Rio for Pensacola, in rock ballast. Said vessel had one case of yellow fever in Rio, left in hospital there, and possibly two, but probably not.

There were 21 in crew on leaving, and of these 14 were sick on the passage, and 4 died. The last death was April 12, and none sick after April 21. Most of these cases were undoubtedly yellow fever. Seventeen in crew on arrival, all well.

Vessel is sound and clean all over, save for coal dust in the lower hold, which is of no sanitary importance. Hold is dry, free from mould and rubbish; with no soft wood, save around a few bolt heads, in sight. Bilge full of coal oil, and I believe good, although black.

The American steamship *Fawn* arrived in quarantine May 31, 1891, from Rio de Janeiro. Six men were taken with yellow fever while at Rio, and were removed immediately to hospital, where two died. Clothes used about the sick disinfected at the hospital before the patients returned aboard. Vessel held in quarantine for disinfection.

Detention on the Mexican frontier of passengers from an infected port.

The United States sanitary inspector at El Paso, Tex., under date of May 31, writes:

During the past month two passengers on the Mexican Central Railroad, intending to enter into the United States, were quarantined for the period of ten days, they having come from Tampico, Mexico, a port reported to be infected with yellow fever.

A coffin containing the dead body of a colored woman, shipped from Chihuahua, Mexico, was permitted to be brought into the United States for burial, the railroad official having shown a certificate from the chief surgeon of the Mexican Central Railroad that the deceased died of consumption.

Smallpox.

Jacksonville, Fla.—Under date of May 28, 1891, A. A. Surgeon Stollenwerck reports the recovery of the patient sent to the pesthouse with varioloid.

Reports of States, and yearly and monthly reports of cities.

CALIFORNIA—*Los Angeles*.—Month of May, 1891. Population, 50,395. Total deaths, 72, including phthisis pulmonalis, 19; enteric fever, 5; diphtheria, 1; croup, 1; and whooping cough, 1.

FLORIDA—*Pensacola*.—Month of May, 1891. Population, 11,750. Total deaths, 14, including phthisis pulmonalis 2 and enteric fever 3.

INDIANA—*Evansville*.—Month of May, 1891. Population, 50,756. Total deaths, 45, including phthisis pulmonalis, 7; enteric fever, 4; croup, 1; and measles, 1.

IOWA—*Keokuk*.—Month of May, 1891. Population, 14,101. Total deaths, 15, including phthisis pulmonalis 1.

KENTUCKY—*Louisville*.—Month of May, 1891. Population, 161,129. Total deaths, 241, including phthisis pulmonalis, 29; enteric fever, 2; diphtheria, 4; measles, 3; and whooping cough, 1.

MARYLAND—*Baltimore*.—Month of May, 1891. Population, 434,439. Total deaths, 892, including phthisis pulmonalis, 94; enteric fever, 9; scarlet fever, 3; diphtheria, 25; croup, 3; measles, 2; and whooping cough, 14.

The total deaths were 892, as against 1,012 for the corresponding month of 1890. Of these, 699 were white and 193 colored, a death rate of 21.84 per thousand for the former and 32.62 per thousand for the latter. The death rate for the whole population was 23.52 per thousand. Sixty persons died from infectious diseases, 94 from consumption and 123 from pneumonia. Two hundred and ninety-six, or 33.2 per cent. of the total deaths, were children under five years of age.

During the month 173 cases of infectious diseases were reported, an increase of 26 over April. In diphtheria, croup, scarlet fever, and whooping cough there was an increase, and in measles a slight decrease.

MICHIGAN.—Month of May, 1891. Reports to the State board of health, Lansing, from 267 observers, indicate that cholera infantum, cerebro-spinal meningitis, cholera morbus, inflammation of brain, puerperal fever, and inflammation of kidney increased, and that membranous croup and diphtheria decreased in prevalence.

Compared with the average for the month of May in the five years, 1886-'90, influenza was very much more prevalent, and typho-malarial fever, whooping cough, diphtheria, remittent fever, membranous croup,

intermittent fever, dysentery, and cerebro-spinal meningitis were less prevalent in May, 1891.

Including reports by regular observers and others, diphtheria was reported present in Michigan in the month of May, 1891, at 46 places; scarlet fever at 64 places, typhoid fever at 17 places, and measles at 89 places.

Reports from all sources show diphtheria reported at 5 places less, scarlet fever at 15 places less, typhoid fever at 3 places more, and measles at 15 places less in the month of May, 1891, than in the preceding month.

For the week ending May 30, 1891, reports from 66 observers, indicate that cholera infantum, typho-malarial fever, typhoid fever, cholera morbus, membranous croup, scarlet fever, remittent fever and dysentery increased, and that inflammation of brain, puerperal fever, pleuritis, and cerebro-spinal meningitis decreased in area of prevalence.

Diphtheria was reported present during the week at 21 places, scarlet fever at 25 places, enteric fever at 7 places, and measles at 37 places.

Grand Rapids.—Month of May, 1891. Population, 60,278. Total deaths, 80, including phthisis pulmonalis, 10; enteric fever, 2; scarlet fever, 1; diphtheria, 3; influenza, 4; and whooping cough, 1.

NEW YORK—Rochester.—Month of May, 1891. Population, 133,896. Total deaths, 201, including phthisis pulmonalis, 24; enteric fever, 5; diphtheria, 7; and croup, 6.

NORTH CAROLINA.—Month of April, 1891. Reports to the State board of health from 13 cities and towns having an aggregate population of 83,126, show a total of 96 deaths, including phthisis pulmonalis, 15; enteric fever, 1; and measles, 1.

OHIO.—Month of April, 1891. Reports to the State board of health from 74 cities and towns having an aggregate population of 1,236,080, show a total of 2,241 deaths, including phthisis pulmonalis, 325; enteric fever, 45; scarlet fever, 13; diphtheria and croup, 72; and whooping cough, 11.

CINCINNATI.—Month of May, 1891. Population, 296,908. Total deaths, 546, including phthisis pulmonalis, 71; enteric fever, 14; scarlet fever, 4; influenza, 13; diphtheria, 18; croup, 2; and whooping cough, 1.

RHODE ISLAND—Newport.—Month of May, 1891. Population, 19,457. Total deaths, 31, including phthisis pulmonalis, 4; enteric fever, 1; influenza, 1; and whooping cough, 1.

VIRGINIA—Lynchburg.—Month of May, 1891. Population, 19,709. Total deaths, 52, including 1 from enteric fever.

Publications received.

Report of the health officer of the port of New York to the commissioners of quarantine of the State of New York, 1891.

The *Sanitary Inspector* for May, 1891, published by the Maine State board of health.

The *Monthly Sanitary Record* for May, 1891, published by the Ohio State board of health.

Bulletin of the North Carolina board of health, May, 1891.

Sixth annual report of the board of health of Newport, R. I., 1890.

Annual report of the board of health of the city of Manchester,
N. H., 1890.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities. | Week ended. | Population, U. S. Census of 1890. | Total deaths from all causes. | Deaths from— | | | | | | | | | | Measles. | Whooping cough. |
|---------------------|-------------|-----------------------------------|-------------------------------|---------------------|---------------|-----------|-------------|------------|---------------|----------------|----------------|-------------|----|----------|-----------------|
| | | | | Phthisis pulmonale. | Yellow fever. | Smallpox. | Variceloid. | Varicella. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | | | |
| New York, N. Y. | June 6 | 1,515,801 | 772 | 22 | | | | | | 7 | 33 | 20 | 15 | 7 | |
| Chicago, Ill. | June 6 | 1,099,850 | 450 | 33 | | | | | | 66 | 7 | 13 | 6 | 5 | |
| Philadelphia, Pa. | May 23 | 1,046,964 | | | | | | | | 15 | 8 | 17 | | | |
| Philadelphia, Pa. | May 30 | 1,046,964 | | | | | | | | 14 | 5 | 13 | | | |
| Philadelphia, Pa. | June 6 | 1,046,964 | | | | | | | | 9 | 8 | 11 | | | |
| Brooklyn, N. Y. | June 6 | 806,343 | 350 | 35 | | | | | | 2 | 14 | 4 | 2 | | |
| St. Louis, Mo. | May 29 | 451,770 | | 18 | | | | | | 3 | 1 | 5 | | | |
| Boston, Mass. | June 30 | 448,477 | 193 | 29 | | | | | | 1 | 2 | 7 | | | |
| Boston, Mass. | June 6 | 448,477 | | 28 | | | | | | 3 | 1 | 5 | | | |
| Baltimore, Md. | June 6 | 443,339 | 175 | 17 | | | | | | 1 | 1 | 11 | | 2 | |
| San Francisco, Cal. | May 30 | 298,997 | 118 | 17 | | | | | | 5 | 5 | 2 | 1 | | |
| Cincinnati, Ohio | June 5 | 296,908 | 50 | 14 | | | | | | 5 | 5 | 2 | 5 | | |
| Cleveland, Ohio. | May 16 | 261,353 | 109 | 10 | | | | | | 3 | | 2 | 6 | | |
| Cleveland, Ohio. | May 23 | 261,353 | 90 | 4 | | | | | | | | 2 | 6 | | |
| Cleveland, Ohio. | May 30 | 261,353 | 83 | 11 | | | | | | 2 | | 1 | 1 | | |
| Washington, D. C. | May 30 | 230,392 | 92 | 13 | | | | | | 1 | | 3 | 2 | 1 | |
| Washington, D. C. | June 6 | 230,392 | 98 | 14 | | | | | | 4 | | 1 | 1 | | |
| Milwaukee, Wis. | May 30 | 200,468 | 80 | 8 | | | | | | 1 | 4 | 7 | | 3 | |
| Milwaukee, Wis. | June 6 | 200,468 | 77 | 7 | | | | | | | | 6 | | | |
| Detroit, Mich. | June 6 | 205,876 | 71 | 3 | | | | | | 1 | 2 | 8 | 1 | 1 | |
| Louisville, Ky. | May 30 | 161,129 | 61 | 7 | | | | | | 1 | | | | | |
| Rochester, N. Y. | June 6 | 133,896 | 43 | | | | | | | 1 | | 2 | | | |
| Kansas City, Mo. | May 23 | 132,716 | 28 | 4 | | | | | | | 1 | | | | |
| Kansas City, Mo. | May 30 | 132,716 | 26 | 4 | | | | | | | | | | | |
| Providence, R. I. | June 6 | 132,146 | 41 | | | | | | | | 1 | 1 | | | |
| Indianapolis, Ind. | May 30 | 105,436 | 46 | 12 | | | | | | 1 | | 4 | | | |
| Indianapolis, Ind. | June 6 | 105,436 | 38 | 3 | | | | | | | | 2 | | | |
| Toledo, Ohio. | June 5 | 81,494 | 21 | | | | | | | 1 | | | | | |
| Richmond, Va. | May 30 | 81,388 | 47 | 10 | | | | | | 1 | | 1 | | | |
| Richmond, Va. | June 6 | 81,388 | 54 | 3 | | | | | | 1 | | | 2 | | |
| Nashville, Tenn. | June 6 | 76,168 | 47 | | | | | | | 1 | | | 1 | | |
| Lynn, Mass. | May 30 | 55,727 | 20 | 1 | | | | | | | | | | | |
| Lynn, Mass. | June 6 | 55,727 | 18 | 2 | | | | | | | | | 3 | | |
| Portland, Me. | June 6 | 36,425 | 13 | | | | | | | | | | 1 | | |
| Binghamton, N. Y. | June 6 | 35,005 | 15 | 6 | | | | | | 1 | | | | | |
| Yonkers, N. Y. | May 30 | 32,033 | 10 | 1 | | | | | | | | 1 | | | |
| Yonkers, N. Y. | June 6 | 32,033 | 15 | 2 | | | | | | | | 1 | | 1 | |
| Mobile, Ala. | May 30 | 31,076 | 19 | 4 | | | | | | | | | | | |
| Mobile, Ala. | June 6 | 31,076 | 18 | 1 | | | | | | 1 | | | | | |
| Galveston, Tex. | May 29 | 29,081 | 15 | 2 | | | | | | | | | | | |
| Auburn, N. Y. | June 6 | 25,888 | 10 | 2 | | | | | | | | | | | |
| San Diego, Cal. | May 30 | 16,159 | 5 | | | | | | | 3 | | | | | |
| Rock Island, Ill. | May 31 | 13,634 | 3 | | | | | | | | | 1 | | | |
| Pensacola, Fla. | May 30 | 11,750 | 4 | 1 | | | | | | | | | | | |

Table of temperature and rainfall, week ended June 5, 1891.

[Received from War Department, Signal Office.]

| Locality. | Mean temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|-----------------------------------|---|---------|-------------|------------------------------------|---------|-------------|
| | Normal. | Excess. | Deficiency. | Normal. | Excess. | Deficiency. |
| New England States: | | | | | | |
| Eastport, Me..... | 51 | | 14 | .91 | | .28 |
| Portland, Me..... | 58 | | 28 | .77 | | .02 |
| Boston, Mass..... | 61 | | 14 | .80 | | .20 |
| Block Island, R. I..... | 57 | | | .79 | | .73 |
| Middle Atlantic States: | | | | | | |
| Albany, N. Y..... | 64 | | | .82 | | .18 |
| New York, N. Y..... | 64 | 14 | | .70 | | .54 |
| Philadelphia, Pa..... | 67 | 14 | | .77 | | .62 |
| Atlantic City, N. J..... | 62 | | | .70 | | .67 |
| Baltimore, Md..... | 68 | 14 | | .89 | .85 | |
| Washington, D. C..... | 68 | 6 | | .98 | | .24 |
| Lynchburg, Va..... | 70 | | 28 | .84 | | .60 |
| Norfolk, Va..... | 70 | | 14 | .96 | | .70 |
| South Atlantic States: | | | | | | |
| Charlotte, N. C..... | 72 | 14 | | 1.05 | | .77 |
| Wilmington, N. C..... | 74 | | | 1.25 | | 1.10 |
| Charleston, S. C..... | 76 | 14 | | 1.10 | | .38 |
| Augusta, Ga..... | 76 | 14 | | .88 | | .88 |
| Savannah, Ga..... | 76 | 15 | | 1.42 | | 1.42 |
| Jacksonville, Fla..... | 78 | 28 | | 1.24 | | 1.24 |
| Key West, Fla..... | 81 | | | .91 | | .79 |
| Gulf States: | | | | | | |
| Atlanta, Ga..... | 72 | 42 | | .96 | | .96 |
| Pensacola, Fla..... | 77 | | | 1.25 | | 1.25 |
| Mobile, Ala..... | 77 | | | 1.31 | | 1.30 |
| Montgomery, Ala..... | 77 | 28 | | 1.05 | | .91 |
| Vicksburg, Miss..... | 76 | 28 | | 1.05 | | 1.05 |
| New Orleans, La..... | 78 | | | 1.46 | | 1.46 |
| Shreveport, La..... | 78 | 6 | | .93 | | .93 |
| Fort Smith, Ark..... | 73 | 28 | | 1.03 | | .73 |
| Little Rock, Ark..... | 74 | 28 | | 1.14 | | 1.14 |
| Palestine, Tex..... | 75 | 14 | | 1.05 | | .93 |
| Galveston, Tex..... | 79 | 4 | | 1.17 | | 1.17 |
| San Antonio, Tex..... | 78 | 14 | | .65 | | .62 |
| Corpus Christi, Tex..... | 78 | 14 | | .77 | | .77 |
| Brownsville, Tex..... | 80 | 14 | | .84 | | .84 |
| Rio Grande City, Tex..... | 83 | 14 | | .56 | | .56 |
| Ohio Valley and Tennessee: | | | | | | |
| Memphis, Tenn..... | 74 | 42 | | 1.17 | | 1.17 |
| Nashville, Tenn..... | 72 | 28 | | .89 | | .89 |
| Chattanooga, Tenn..... | 72 | 42 | | 1.03 | | 1.03 |
| Knoxville, Tenn..... | 70 | 28 | | .96 | | .74 |
| Louisville, Ky..... | 70 | 14 | | .97 | | .28 |
| Indianapolis, Ind..... | 67 | 14 | | 1.10 | .02 | |
| Cincinnati, Ohio..... | 69 | | | .98 | 1.00 | |
| Columbus, Ohio..... | 66 | 14 | | .93 | | .49 |
| Pittsburgh, Pa..... | 67 | | | .77 | .30 | |
| Lake Region: | | | | | | |
| Oswego, N. Y..... | 59 | | 28 | .75 | | .39 |
| Rochester, N. Y..... | 60 | | 14 | .82 | | .35 |
| Buffalo, N. Y..... | 59 | | | .77 | | .28 |
| Erie, Pa..... | 61 | | 4 | .96 | | .01 |
| Cleveland, Ohio..... | 62 | | | .89 | .99 | |
| Sandusky, Ohio..... | 64 | | | 1.03 | .85 | |
| Toledo, Ohio..... | 64 | | | .82 | .57 | |
| Detroit, Mich..... | 62 | | | .89 | | .42 |
| Port Huron, Mich..... | 58 | | | .82 | | .24 |
| Alpena, Mich..... | 55 | | 14 | .91 | | .33 |
| Marquette, Mich..... | 53 | | 70 | .83 | | .17 |
| Grand Haven, Mich..... | 58 | | | .90 | .92 | |
| Milwaukee, Wis..... | 58 | | 14 | .89 | 2.11 | |
| Chicago, Ill..... | 62 | | 28 | .91 | | .13 |
| Duluth, Minn..... | 53 | | 70 | 1.17 | | .76 |
| Upper Mississippi Valley: | | | | | | |
| St. Paul, Minn..... | 63 | | 28 | .98 | .08 | |
| La Crosse, Wis..... | 63 | | | .98 | .04 | |
| Dubuque, Iowa..... | 64 | | | 1.04 | | .50 |
| Davenport, Iowa..... | 66 | | | 1.05 | | .08 |
| Des Moines, Iowa..... | 66 | | 5 | 1.40 | | .86 |
| Keokuk, Iowa..... | 67 | | 14 | 1.17 | | .53 |
| Springfield, Ill..... | 67 | 14 | | 1.38 | | .62 |
| Cairo, Ill..... | 71 | 42 | | .98 | | .98 |
| St. Louis, Mo..... | 70 | 28 | | 1.17 | | .73 |

Table of temperature and rainfall, week ended June 5, 1891—Continued.

| Locality. | Mean temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|------------------------------|---|---------|-------------|------------------------------------|---------|-------------|
| | Normal. | Excess. | Deficiency. | Normal. | Excess. | Deficiency. |
| Missouri Valley: | | | | | | |
| Springfield, Mo..... | 70 | 28 | | 1.47 | | .79 |
| Kansas City, Mo..... | 70 | | | 1.24 | 2.66 | |
| Concordia, Kans..... | 68 | 14 | | .98 | 1.44 | |
| Omaha, Nebr..... | 67 | | 7 | 1.19 | 1.00 | |
| Valentine, Nebr..... | 63 | | 14 | .82 | .34 | |
| Huron, S. D..... | 62 | | 14 | .84 | .04 | |
| Sully, Fort, S. D..... | 64 | | 42 | .82 | 1.29 | |
| Extreme Northwest: | | | | | | |
| Moorhead, Minn..... | 59 | | 42 | .84 | .97 | |
| Bismarck, N. D..... | 60 | | 70 | .77 | .98 | |
| Buford, Fort, N. D..... | 60 | | 70 | .63 | 1.86 | |
| Rocky Mountain Slope: | | | | | | |
| Assiniboine, Fort, Mont..... | 58 | | 56 | .62 | .16 | |
| Helena, Mont..... | 57 | | 42 | .49 | .87 | |
| Custer, Fort, Mont..... | 60 | | 28 | .63 | .25 | |
| Salt Lake City, Utah..... | 64 | | 50 | .23 | | .19 |
| Cheyenne, Wyo..... | 57 | | 28 | .42 | | .28 |
| North Platte, Nebr..... | 64 | | 14 | .75 | .91 | |
| Denver, Colo..... | 62 | | 42 | .37 | .95 | |
| Montrose, Colo..... | 62 | | 57 | .02 | | .02 |
| Pueblo, Colo..... | 66 | | 28 | .28 | .40 | |
| Dodge City, Kans..... | 68 | 14 | | .77 | 1.33 | |
| Sill, Fort, Ind. T..... | 74 | | 4 | 1.10 | | |
| Santa Fe, N. Mex..... | 61 | | 36 | .21 | .07 | |
| Pacific Coast: | | | | | | |
| Olympia, Wash..... | 57 | | | .44 | | .10 |
| Portland, Oreg..... | 63 | | 28 | .49 | | .29 |
| Roseburg, Oreg..... | 60 | | 22 | .35 | .68 | |
| Red Bluff, Cal..... | 71 | | 42 | .14 | .34 | |
| Sacramento, Cal..... | 67 | | 41 | .07 | .01 | |
| San Francisco, Cal..... | 59 | | 14 | .07 | | .03 |
| Los Angeles, Cal..... | 66 | | 28 | .07 | | .07 |
| San Diego, Cal..... | 63 | | 20 | .07 | | .02 |
| Yuma, Ariz..... | 81 | | 70 | .00 | | |

FOREIGN.

(Reports received through the Department of State and other channels.)

BAHAMAS—*Green Turtle Cay—Abaco*.—Two weeks ended May 20, 1891. Population, 3,227. Total deaths, 3. None from contagious diseases.

Harbor Island—Dunmore Town.—Two weeks ended May 21, 1891. Population, 2,400. Total deaths, 1. None from contagious diseases.

BRAZIL—*Parimaribo*.—Month of March, 1891. Population, 28,221. Total deaths, 92, including 1 from leprosy.

Rio de Janeiro—Yellow fever and mortality statistics.—Week ended April 25, 1891. Population, 450,000. Total deaths, 516, including yellow fever, 200; smallpox, 7; phthisis pulmonalis, 32; beri-beri, 5; enteric fever, 8; and pernicious fever, 19.

Week ended May 2, 1891. Total deaths, 494, including yellow fever, 203; smallpox, 7; phthisis pulmonalis, 38; beri-beri, 4; enteric fever, 3; pernicious fever, 7; and measles, 1.

CUBA—*Havana*.—The United States sanitary inspector sends the following monthly report, dated June 3, 1891:

I have the honor to inform you that there were 590 deaths in this city during the month of May.

Twenty-seven of those deaths were caused by smallpox, 7 by yellow fever, 13 by so-called pernicious fever, 18 by enteric fever, 4 by croup, and 2 by hydrophobia.

The weather during the entire month has been exceedingly dry, with winds prevailing from the two northerly quadrants.

Deaths from yellow fever, it will be noticed, have been unusually small, only 7 occurring from it during the month, while during the same period in 1890 there were 26; in 1889, 17; and in 1888, 27.

Santiago de Cuba.—Two weeks ended May 15, 1891. Total deaths, 59, including yellow fever 11 and diphtheria 1.

FRANCE—*Rheims*.—Month of April, 1891. Population, 104,639. Total deaths, 231, including phthisis pulmonalis, 33; enteric fever, 1; diphtheria and croup, 3; and whooping cough, 1.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended May 23 corresponded to an annual rate of 28.7 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Brighton, viz, 17.0, and the highest in Oldham, viz, 50.4 a thousand. Diphtheria caused 3 deaths in Salford, 4 in Oldham, and 2 in Sheffield.

London.—Two thousand two hundred and thirty-five deaths were registered during the week, including measles, 41; scarlet fever, 10; diphtheria, 21; whooping cough, 53; enteric fever, 9; and diarrhoea and

dysentery, 7. The deaths from all causes corresponded to an annual rate of 25.9 a thousand. Diseases of the respiratory organs caused 601 deaths. In greater London 2,761 deaths were registered, corresponding to an annual rate of 24.5 a thousand of the population. In the "outer ring" the deaths included measles, 12; whooping cough, 8; and diphtheria, 7.

Newcastle-upon-Tyne.—Two weeks ended May 16, 1891. Population, 195,000. Total deaths from all causes, not reported. Enteric fever caused 1 death and scarlet fever 1.

Sunderland.—Two weeks ended May 2, 1891. Population, 138,859. Total deaths, 120, including scarlet fever 1.

Ireland.—The average annual death rate, represented by the deaths registered during the week ended May 23, in the 16 principal town districts of Ireland, was 21.6 a thousand of the population. The lowest rate was recorded in Wexford, viz, 8.6, and the highest in Galway, viz, 33.6 a thousand. In Dublin and suburbs 141 deaths were registered, including influenza, 1; enteric fever, 2; and whooping cough, 2.

Scotland.—The deaths registered in eight principal towns during the week ended May 23 corresponded to an annual rate of 23.8 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Leith, viz, 15.5, and the highest in Paisley, viz, 33.1 a thousand. The aggregate number of deaths registered from all causes was 622, including measles, 34; scarlet fever, 7; diphtheria, 5; whooping cough, 24; fever, 9; and diarrhœa, 9.

INDIA—Singapore.—Month of February, 1891. Total deaths, 468, including "fevers," 137; smallpox, 1; and beri-beri, 29.

Month of March, 1891. Total deaths, 493, including "fevers," 162; cholera, 1; and beri-beri, 24.

MEXICO—Paso del Norte.—Three months ended May 15, 1891. Population, 10,000. Total deaths, 70, including 6 from diphtheria.

SWITZERLAND—Zurich.—Month of April, 1891. Population, 91,323. Total deaths, 193, including phthisis pulmonalis, 28; scarlet fever, 1; diphtheria and croup, 12; and measles, 3.

MORTALITY TABLE, FOREIGN CITIES.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | | |
|----------------------------------|--------------|-----------------------|-------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|-----------------|
| | | | | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
| London..... | May 16..... | 5,877,390 | 2,754 | ..... | ..... | ..... | 1 | 12 | ..... | 28 | 49 | ..... |
| Paris..... | May 23..... | 2,269,945 | 1,019 | ..... | ..... | ..... | ..... | 9 | 8 | 30 | 38 | 6 |
| Liverpool..... | May 16..... | 639,443 | 356 | ..... | ..... | ..... | ..... | ..... | 3 | 1 | ..... | ..... |
| Buda Pesth..... | May 14..... | 507,000 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | ..... |
| Brussels..... | May 16..... | 469,459 | 174 | ..... | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Warsaw..... | May 2..... | 465,272 | 176 | ..... | 1 | ..... | 3 | 4 | 2 | ..... | ..... | ..... |
| Warsaw..... | May 9..... | 465,272 | 204 | ..... | 1 | ..... | 5 | 2 | 4 | ..... | ..... | ..... |
| Lyons..... | May 16..... | 430,000 | 170 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Rome..... | May 2..... | 417,392 | 204 | ..... | ..... | ..... | 3 | 5 | 22 | ..... | 5 | ..... |
| Copenhagen..... | May 16..... | 320,000 | 148 | ..... | ..... | ..... | 2 | 1 | 5 | ..... | ..... | ..... |
| Odessa..... | May 16..... | 295,000 | 112 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | 1 | ..... |
| Dresden..... | May 16..... | 276,085 | 130 | ..... | ..... | ..... | 1 | ..... | 9 | ..... | ..... | ..... |
| Edinburgh..... | May 16..... | 275,436 | 120 | ..... | ..... | ..... | 1 | 1 | 1 | ..... | ..... | ..... |
| Barcelona..... | May 22..... | 272,000 | 287 | ..... | 9 | ..... | 12 | ..... | 12 | ..... | ..... | ..... |
| Palermo..... | May 16..... | 250,000 | 81 | ..... | ..... | ..... | 1 | 1 | 2 | ..... | ..... | ..... |
| Belfast..... | May 16..... | 234,822 | 96 | ..... | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... |
| Rotterdam..... | May 23..... | 209,134 | 75 | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Prague..... | May 16..... | 182,530 | 135 | ..... | 1 | ..... | 2 | ..... | 4 | ..... | ..... | ..... |
| Genoa..... | May 23..... | 180,569 | 73 | ..... | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| Frankfort-on-the-Main..... | May 16..... | 179,850 | 77 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | ..... |
| Hanover..... | May 16..... | 168,500 | 55 | ..... | ..... | ..... | ..... | ..... | 5 | ..... | ..... | ..... |
| Konigsberg..... | May 16..... | 161,140 | 55 | ..... | ..... | ..... | ..... | ..... | 1 | 3 | ..... | ..... |
| Trieste..... | May 16..... | 158,054 | 81 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... | ..... |
| Ghent..... | May 16..... | 152,365 | 68 | ..... | 1 | ..... | 1 | ..... | ..... | 13 | ..... | ..... |
| Nuremberg..... | May 9..... | 142,523 | 63 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Stuttgart..... | May 23..... | 139,659 | 68 | ..... | ..... | ..... | 1 | ..... | 5 | ..... | ..... | ..... |
| Hioho..... | Apr. 25..... | 136,012 | 84 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... |
| Hioho..... | May 2..... | 136,012 | 36 | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Hioho..... | May 9..... | 136,012 | 63 | ..... | ..... | 2 | ..... | 2 | ..... | ..... | ..... | ..... |
| Funchal..... | May 16..... | 133,250 | 23 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Colombo..... | May 1..... | 128,000 | ..... | ..... | 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Elberfeld..... | May 9..... | 125,830 | 46 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Bremen..... | May 16..... | 125,000 | 40 | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... | ..... |
| Danzig..... | May 16..... | 120,459 | 44 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Barmen..... | May 9..... | 116,248 | 30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Barmen..... | May 16..... | 116,248 | 52 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 1 | ..... |
| Stettin..... | May 16..... | 116,000 | 62 | ..... | ..... | ..... | 6 | ..... | 6 | ..... | ..... | ..... |
| Crefeld..... | May 16..... | 108,000 | 61 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Crefeld..... | May 23..... | 108,000 | 85 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Gothenburg..... | May 23..... | 106,246 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Rheims..... | May 23..... | 104,639 | 45 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Aix-la-Chapelle..... | May 17..... | 104,552 | 48 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Zurich..... | May 9..... | 91,323 | 38 | ..... | ..... | ..... | ..... | ..... | 3 | 13 | 13 | 4 |
| Zurich..... | May 16..... | 91,323 | 25 | ..... | ..... | 1 | ..... | 2 | 13 | 6 | 1 | ..... |
| Leith..... | May 16..... | 80,736 | 22 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Mayence..... | May 16..... | 73,271 | 31 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| Jerez de la Frontera..... | May 2..... | 61,708 | 31 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... |
| Jerez de la Frontera..... | May 9..... | 61,708 | 40 | ..... | ..... | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Cadix..... | May 2..... | 57,157 | 47 | ..... | ..... | 1 | ..... | 2 | ..... | ..... | ..... | ..... |
| Cadix..... | May 9..... | 57,157 | 46 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... |
| Guayaquil..... | Apr. 30..... | 44,000 | 57 | ..... | ..... | ..... | ..... | 31 | ..... | ..... | ..... | ..... |
| Guayaquil..... | May 7..... | 44,000 | 62 | ..... | ..... | 2 | ..... | 30 | ..... | ..... | ..... | ..... |
| Guayaquil..... | May 14..... | 44,000 | 62 | ..... | ..... | 1 | ..... | 31 | ..... | ..... | ..... | ..... |
| Trapani..... | May 16..... | 43,095 | 17 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cienfuegos..... | May 24..... | 41,447 | 10 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... |
| Marsala..... | May 16..... | 40,131 | 13 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Schiedam..... | May 23..... | 25,437 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Gibraltar..... | May 10..... | 25,755 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Gibraltar..... | May 17..... | 25,755 | 9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Cartagena..... | May 9..... | 25,000 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Vera Cruz..... | May 28..... | 23,800 | 29 | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Girgenti..... | May 16..... | 23,547 | 15 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Licata..... | May 16..... | 20,000 | 10 | ..... | ..... | ..... | ..... | ..... | 4 | 2 | ..... | ..... |
| Matamoros..... | May 30..... | 16,000 | 11 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Sagua la Grande..... | May 23..... | 15,605 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Flushing..... | May 23..... | 13,200 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Port Stanley and St. Thomas..... | May 6..... | 11,000 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Port Stanley and St. Thomas..... | May 13..... | 11,000 | 4 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... |
| Port Stanley and St. Thomas..... | May 20..... | 11,000 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Port Stanley and St. Thomas..... | May 27..... | 11,000 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Guelph..... | May 31..... | 10,173 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— | | | | | | | |
|-----------------------------|-------------|-----------------------|-------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|-------------|----------|
| | | | | Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. |
| Turpan | May 16.... | 9,000 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Chatham | May 30.... | 8,730 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| La Guayra | May 16.... | 7,641 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Santiago, Cape Verd..... | Apr. 7.... | 4,600 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Santiago, Cape Verd..... | Apr. 14.... | 4,600 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Santiago, Cape Verd..... | Apr. 21.... | 4,600 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Santiago, Cape Verd..... | Apr. 28.... | 4,600 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Livingston, Guatemala | May 26.... | 3,000 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Prescott | June 4.... | 2,988 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

OFFICIAL :

WALTER WYMAN,

Supervising Surgeon-General, Marine-Hospital Service.